

MEDAP 



Efficient, innovative and safe!

# MEDAP Medical Suction Systems



Made in Black Forest  
  
by ATMOS

# MEDAP Medical Suction Systems



Welcome to the Black Forest, the renowned centre for precision engineering and mechatronics, also known as the 'Silicon Valley' of German medical technology.

With more than 100 years of experience in the field of medical suction, we know that medical professionals constantly rely on our products in difficult conditions and in critical situations. We therefore improve them continuously.

The MEDAP product line with its product areas of electrical suction devices, central gas supply and mobile gas supply has been part of the ATMOS company since 2016. When we acquired the MEDAP product line from Maquet, we expanded and supplemented our range of medical suction systems. Therefore, as a full-service provider in the field of medical suction, we can offer our customers a variety of suitable solutions.

Frank Greiser | CEO

Electrical Suction	Surgical Suction	4-7
	Bronchial Suction	10/11
	Smoke Evacuation	16/17
Central Gas Supply	Suction	18/19
	Oxygen Supply	20/21
Mobile Gas Supply	Mobile Oxygen Supply	22/23

# Surgical Suction

Long operations that produce large volumes of fluids require a system that performs suction as quickly and quietly as possible. A perfect surgical suction device must also be robust and durable, especially under extreme conditions.

High suction capacity for a clear surgical field

Low noise level

Maximum reliability in all situations



Modular overflow protection and two equipment rails for fixation of up to four secretion canisters.

**MEDAP TWISTA SP 1070**



Two-sided interfaces for equipment mount, for secretion canisters or modular overflow protection as well as additional bacterial filter at the pump outlet.

**MEDAP BORA UP 2080**



Surgical Suction



Bronchial Suction



Smoke Evacuation



Suction



Oxygen Supply



Mobile Oxygen Supply



# Bronchial Suction

Bronchial suction devices for universal use in hospitals, nursing homes and in the home-care sector must be light and compact. In order to free the airways of viscous secretions and debris, a reliable and powerful electrical suction device is needed. A battery is essential for mobile use, especially in emergency situations.

Simple, intuitive operation

Easy vacuum adjustment







Maximum protection against oversuction



Revolutionary vacuum setting with large vacuum gauge for excellent visual control combined with 100% oversuction protection.

**MEDAP VENTA SP 26**



- Surgical Suction 
- Bronchial Suction** 
- Smoke Evacuation 
- Suction 
- Oxygen Supply 
- Mobile Oxygen Supply 

# Smoke Evacuation

During cutting and coagulation when using ultrasonic, HF, RF or laser devices, surgical smoke and aerosols are produced because of thermal processes. Toxicological studies have demonstrated the release of a variety of harmful substances (such as viruses, bacteria, mycobacteria).

Modern smoke evacuation devices remove the resulting particles and unpleasant odours and provide a clear view of the surgical field.

High suction capacity for quick evacuation of surgical smoke

Very quiet

Safe removal of particles and odours



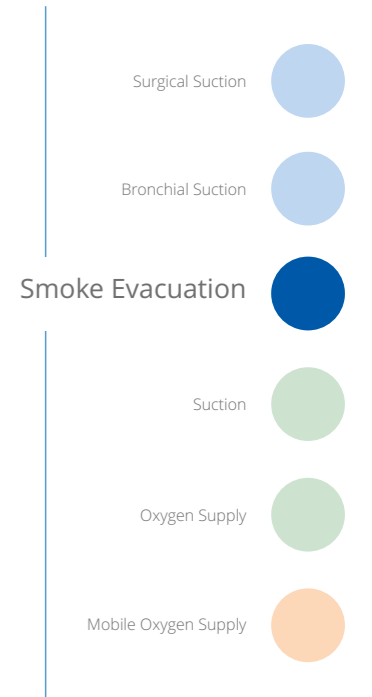
## MEDAP FUMOVAC 700

Normal and turbo mode, two-button control and four-stage high-performance filter with three inputs incl. magnetic flaps.



## Accessories and consumables

Accessories and consumables for a variety of indications.



# Suction with CGS

Tapping devices for central gas supply systems (CGS) are available for vacuum and compressed air and in different versions for surgical suction, as well as for bronchial suction. The protection of the CGS against oversuction and contamination is particularly important. Tapping devices for compressed air also depend on an effective noise reduction while maintaining high suction capacity.

The S VAC INT with the possibility of continuous and intermittent suction is available specifically for subglottic suction.

**Powerful, reliable and durable**

**Best hygiene due to large rounded surfaces**

**Indication-specific versions**



Attractive housing with swivel vacuum gauge in four different versions for surgical suction, bronchial suction, drainage and cardiothoracic drainage.

### MEDAP FINA VAC / AIR



MR-conditional, with extremely high suction capacity, large vacuum gauge and indication label.

### MEDAP FINA VAC / AIR



Continuous and intermittent suction, specifically for subglottic suction.

### MEDAP S VAC INT



- Surgical Suction ●
- Bronchial Suction ●
- Smoke Evacuation ●
- Suction ●
- Oxygen Supply ●
- Mobile Oxygen Supply ●

# Oxygen Supply

Supplying oxygen depends on precise administration. Special versions for paediatrics and neonatology ensure the required precision even for the smallest amounts. The click-stop disc flowmeters allow a very large number of settings.

Precise adjustability

Excellent reading precision

Tailored treatment for all patients



Attractive housing with adjustable, precise regulating knob.

MR-conditional with particularly easy-to-read scale.

MR-conditional with 13 settings in normal, paediatric and neonatology versions.

## MEDAP FINA FLOW



## MEDAP S FLOW



## MEDAP LS FLOW



- Surgical Suction ●
- Bronchial Suction ●
- Smoke Evacuation ●
- Suction ●
- Oxygen Supply ●
- Mobile Oxygen Supply ●

# Mobile Oxygen Supply

If oxygen is needed on a ward without an appropriate gas extraction point or a patient requires ventilation during intrahospital transport, the gas is supplied via gas cylinders. The pressure regulator used must have a high nominal flow and high-pressure stability when decreasing cylinder pressure.

High nominal flow

Highest pressure stability eliminates readjustments

Up to 300 bar inlet pressure for additional safety



Pressure regulator with and without integrated flowmeter, with short and long fittings and with or without additional output.

### Pressure regulator



Portable compact unit for placement and suspension from an equipment rail or by the bedside for manual short-term ventilation and for short-term suction.

### Emergency oxygen unit



For use during transport and on the normal ward as well as an emergency supply in case of failure of the central gas supply.

### Oxyrator



- Surgical Suction ●
- Bronchial Suction ●
- Smoke Evacuation ●
- Suction ●
- Oxygen Supply ●
- Mobile Oxygen Supply ●

Mobile Oxygen Supply ●



# Quality Work

Made in the Black Forest



## Made in Germany

MEDAP suction devices are a wealth of technical know-how. A task best fitting the perfectionists from the Black Forest.

At ATMOS, we leave nothing to chance. Everything in a MEDAP product is 'Made in Germany'—from product design through to development, all the way to manufacturing. Every employee has a wealth of experience in the manufacturing of medical devices, enthusiasm for the product and a distinctive quality awareness.

ATMOS has modern production machinery, specialised assembly space and high-precision measuring devices. Before a MEDAP product leaves the plant, all functions are thoroughly checked before final approval for delivery can be given.

## ATMOS quality is built on responsibility

The proverbial ATMOS quality is geared to the high demands of our customers. To produce quality, employees must consider quality as a part of their duties and are responsible for their own work, which is always based on the guidelines according to DIN EN ISO 13485. The ATMOS quality management system covers every step from development to service.



*Surgical Suction*



*Bronchial Suction*

*Mobile Oxygen Supply*



# MEDAP Product Range



*Smoke Evacuation*



*Oxygen Supply*



*Suction with CGS*

*Further information on the  
'MEDAP Medical Suction  
Systems' complete product  
range can be found at:*

[www.medap-shop.de](http://www.medap-shop.de)



**MedizinTechnik**

ATMOS MedizinTechnik GmbH & Co. KG

Ludwig-Kegel-Str. 16

79853 Lenzkirch / Germany

Tel: +49 7653 689-0

atmos@atmosmed.de

MEDAP The MEDAP logo consists of the word "MEDAP" in a green, sans-serif font. To the right of the text is a graphic element consisting of four small squares arranged in a 2x2 grid. The top-left square is dark green, the top-right is light green, the bottom-left is orange, and the bottom-right is light blue.

[www.atmosmed.com](http://www.atmosmed.com) | [www.medap-shop.com](http://www.medap-shop.com)